

Product datasheet for TP720307M

GNS (NM_002076) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins Description: Recombinant protein of human glucosamine (N-acetyl)-6-sulfatase (GNS) Species: Human **HEK293 Expression Host:** Val37-Leu552 **Expression cDNA Clone** or AA Sequence: C-His Tag: Predicted MW: 59.3 kDa **Concentration:** lot specific **Purity:** >95% as determined by SDS-PAGE and Coomassie blue staining **Buffer:** Provided lyophilized from a 0.2 µm filtered solution of 20 mM Tris-HCl, 150 mM NaCl Endotoxin: < 0.1 EU per µg protein as determined by LAL test Store at -80°C. Storage: Stability: Stable for at least 6 months from date of receipt under proper storage and handling conditions. NP 002067 **RefSeq:** Locus ID: 2799 **UniProt ID:** P15586, A0A024RBC5, Q7Z3X3 **Cytogenetics:** 12q14.3 Synonyms: G6S Summary: The product of this gene is a lysosomal enzyme found in all cells. It is involved in the catabolism of heparin, heparan sulphate, and keratan sulphate. Deficiency of this enzyme results in the accumulation of undegraded substrate and the lysosomal storage disorder mucopolysaccharidosis type IIID (Sanfilippo D syndrome). Mucopolysaccharidosis type IIID is the least common of the four subtypes of Sanfilippo syndrome. [provided by RefSeq, Jul 2008] **Protein Families:** Druggable Genome, Transmembrane



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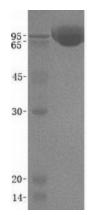
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9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn **GNS (NM_002076) Human Recombinant Protein – TP720307M**

Protein Pathways: Glycosaminoglycan degradation, Lysosome, Metabolic pathways

Product images:



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